

Date: Tue, 19 Apr 94 08:02:29 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #433  
To: Info-Hams

Info-Hams Digest                      Tue, 19 Apr 94                      Volume 94 : Issue    433

Today's Topics:

    Daily Summary of Solar Geophysical Activity for 18 April  
        DAYTON QUESTIONS  
        License required  
        Net Schedule  
        phonetic alphabets: update  
        radio in caves  
        re;Missing: Good HF Propagation  
        software for PK 232  
        STOP SENDING HAMS ON USENET CRAP !!!  
    US License Examination Opportunities Scheduled 4/18/94 to 7/18/94  
        Why Luck Hurder is gone...

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Mon, 18 Apr 1994 22:43:48 MDT  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!  
ve6mgs!usenet@network.ucsd.edu  
Subject: Daily Summary of Solar Geophysical Activity for 18 April  
To: info-hams@ucsd.edu

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DAILY SUMMARY OF SOLAR GEOPHYSICAL ACTIVITY

18 APRIL, 1994



expected to be mostly active for the next one to two days due to coronal hole effects. Conditions should subside to predominantly unsettled sometime on the third day.

Event probabilities 19 apr-21 apr

Class M	01/01/01
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 19 apr-21 apr

A. Middle Latitudes	
Active	35/35/35
Minor Storm	15/15/15
Major-Severe Storm	05/05/05
B. High Latitudes	
Active	35/35/30
Minor Storm	20/20/20
Major-Severe Storm	10/10/10

HF propagation conditions recovered fairly rapidly during the day today. Near-normal propagation conditions returned to the low and middle latitude paths, while high and polar latitude regions struggled with below-normal, but steadily improving conditions. All regions should see near-normal propagation by 21 April.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WITH SUNSPOTS. LOCATIONS VALID AT 18/2400Z APRIL

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7700	N03W64	208	0000	BX0	03	002	BETA	
7701	N08E28	116	0120	CS0	08	005	BETA	
7702	S11E34	110	0000	AXX	00	001	ALPHA	

REGIONS DUE TO RETURN 19 APRIL TO 21 APRIL

NMBR	LAT	LO
NONE		

LISTING OF SOLAR ENERGETIC EVENTS FOR 18 APRIL, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
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0842 0842 0843

110

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 18 APRIL, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
17/2121		18/1112	S11W12	DSF				
18/ 1347	1421	1514		LDE	C1.2	87		

INFERRED CORONAL HOLES. LOCATIONS VALID AT 18/2400Z

ISOLATED HOLES AND POLAR EXTENSIONS

EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
NO DATA AVAILABLE FOR ANALYSIS								

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
17 Apr:	1141	1145	1147	B1.0	SF	7701	N09E49			
	2126	2130	2133	B1.2						

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

	C	M	X	S	1	2	3	4	Total	(%)
Region 7701:	0	0	0	1	0	0	0	0	001	(50.0)
Uncorrelated:	0	0	0	0	0	0	0	0	001	(50.0)

Total Events: 002 optical and x-ray.

EVENTS WITH SWEEPS AND/OR OPTICAL PHENOMENA FOR THE LAST UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	Sweeps/Optical Observations
NO EVENTS OBSERVED.								

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce

associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II	= Type II Sweep Frequency Event
III	= Type III Sweep
IV	= Type IV Sweep
V	= Type V Sweep
Continuum	= Continuum Radio Event
Loop	= Loop Prominence System,
Spray	= Limb Spray,
Surge	= Bright Limb Surge,
EPL	= Eruptive Prominence on the Limb.

\*\* End of Daily Report \*\*

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Date: 19 Apr 94 12:53:29 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: DAYTON QUESTIONS  
To: info-hams@ucsd.edu

Hi out there!

I like to toss up two questions about the Dayton Hamfest.

Who will be the speaker at the hamfest banquet Sat nite?  
Has anyone heard what the parking situation is? I heard rumors  
that the shuttle busses are doing something different.

Thanks!

de Tom KA8HUZ

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Date: 18 Apr 1994 22:17:54 -0400  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!howland.reston.ans.net!news.ans.net!  
inca.gate.net!not-for-mail@network.ucsd.edu  
Subject: License required  
To: info-hams@ucsd.edu

Hi all... I have been interested in amateur radio for a couple of years  
and am ready to go and take the exam..

I have reviewed question pools (as well as read manuals) regarding the

Novice No-Code license as well as the technician plus class license.

I am interested in transmitting on 2m. What license is required to transmit on 2m. I have played around with Radio Shack's 2m and really like it. It works pretty good for a Radio Shack product ;) .....

I just need to know what license I need to be able to transmit on 2m.

Also, if anyone knows where I can FTP either a text file of questions, or a program that will give me questions regarding novice and/or technical license. The program I currently have is out of date.

Thanks...

-Dave

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+-----+-----+
| Dave Moses | Internet : dave@gate.net |
+-----+-----+
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Date: Fri, 15 Apr 1994 11:10:04 GMT

From: netcon!hatch!pro-palmtree!pro-janin!jestevez@locus.ucla.edu

Subject: Net Schedule

To: info-hams@ucsd.edu

\*\*\*\*\* Propagation Schedule \*\*\*\*\*

Updated: 21 Jan 1994

UTC W0 W1 W2 W3 W4 W5 W6 W7 W8 W9 XE VE 6Y

-----  
0100

0200

0300

0400

0500

0600

0700

0800

0900

1000

1100

1200

1300

1400

1500

1600  
1700  
1800  
1900  
2000  
2100  
2200  
2300

-----  
-----  
Date: 19 Apr 1994 05:57:29 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!news.byu.edu!news.mtholyoke.edu!nic.umass.edu!  
noc.near.net!news.delphi.com!pmuth@network.ucsd.edu  
Subject: phonetic alphabets: update  
To: info-hams@ucsd.edu

The Hutchinson Kansas police department uses the following phonetic alphabet:

Adam, Boy, Charles, David, Edward, Frank, George, Henry, Ida, John, King,  
Lincoln, Mary, Nora, Ocean, Paul, Robert, Sam, Tom, Union, Victor, William,  
X-ray, Yankee, Zebra.

LT  
Phil Muth | Pizza Hut, Inc.  
Internet: pmuth@delphi.com | 9111 E Douglas MS 1004  
FidoNet : Phil Muth @ 1:291/4 | Wichita KS 67207  
Packet : N0LQK@WF0A-1.#SCKS.KS.USA.NOAM | (316) 687-8680

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Date: Tue, 19 Apr 1994 00:58:36 GMT  
From: elroy.jpl.nasa.gov!grian!pelican!ent-img.com!wb6hqk!bart@decwrl.dec.com  
Subject: radio in caves  
To: info-hams@ucsd.edu

>John Derry (derry@NeXtwork.Rose-Hulman.Edu) wrote:  
>: howdy  
>  
>: Question: What would be the best band for radio communication inside  
>: of caves.  
>

It depends on what you're trying to do. Both 440 and 1200 MHz work pretty well along large boreholes. Many cavers use 49, 146, 440 and 1200 MHz for liason between the top and bottom of large (or noisy) pits. If you want

to penetrate rock for communication purposes, the usual method used isn't actually radio but magnetic induction coupling at frequencies between 1KHz and about 200 KHz. The lower frequencies are useful for location since the dipole fields generated by the loop 'antennas' are undistorted by the effects of the conductive medium. At higher frequencies quadrature fields begin to appear which is actually an advantage for communications since 'antenna' orientation is less critical. The higher frequencies are preferable for voice since the coupling and bandwidth are increased. If you would like to discuss it further, email me.

bart

bart@wb6hpk.entrimg.com

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Date: 19 Apr 94 14:27:37 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: re;Missing: Good HF Propagation  
To: info-hams@ucsd.edu

Hi guys

I found the Good HF propagation while I was in Hong Kong operating at VS6W0 in WPX SSB. 20m was really good, 15m & 40m were not too bad. However I could not find the way to bring it back to Japan. No more good propagation here in Tokyo.

If anyone tell me how to bring it to my home, I'll be back to VS6 to find out the GREAT propagation.

73 Tack JE1CKA/KH0AM

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my mail address will be changed in June.  
now "je1cka@asuka.aerospace-lab.go.jp"  
-> "je1cka@nal.go.jp"

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Date: 19 Apr 94 12:15:16 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: software for PK 232  
To: info-hams@ucsd.edu

Does anyone know of better software (windows or dos) than Pakrat? I would like something a little more friendly, and that exhibits fewer freeze-ups.



If it could send graphics, that would be a bonus. I've looked in the ham mags, and can't seem to find anything. I've heard that Pk-gold is good, but can't locate a source. I need sources for all recommendations. Thanks to all respondents.

Tom Medin  
tmedin@che2.che.umn.edu  
NOUFM

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Date: 19 Apr 94 04:07:05 GMT  
From: netcon!bongo!netcomsv!netcom.com!netcomsv!skyld!jangus@locus.ucla.edu  
Subject: STOP SENDING HAMS ON USENET CRAP !!!  
To: info-hams@ucsd.edu

In article <CoEr8r.2qw@murdoch.acc.Virginia.EDU> jeg7e@Hopper.itc.Virginia.EDU writes:

> In article <ik9Vkc2w165w@ham.almanac.bc.ca>, <emd@ham.almanac.bc.ca> wrote:  
> > jeg7e@Hopper.itc.Virginia.EDU (Jon Gefaell) writes:  
> > > Your software is broken, get it fixed.  
> > Condescending attitudes like this aren't at all helpful to anyone.  
> Your software is broken, get it fixed.

I'll echo that in case you haven't figured it out yet. Your software is broken. If you are running a PC under MS-DOS (as I'll assume since you are NOT running Unix and CNEWS) install SNEWS. It is a threaded newsreader for IBM systems running MS-DOS. It is compatible with UUCP. It is available via ftp from a number of sources. If you do not have ftp access, send me e-mail and I'll provide you with the details on how to get it from me on a diskette.

This is not at all a condescending attitude. It is simply the truth. Your software is broken. I'm offering to fix it for you.

As a single user running an IBM clone, the package pair of SNEWS and UUCP make an excellent team for both mail and news. About the only limitations I've seen with SNEWS is crosposting to more than 2-3 groups and trying to read a bit of news that was about 180K in size (and binary) that some fool posted.

73 es GM from Jeff

Amateur: WA6FWI@WA6FWI.#SOCA.CA.USA.NOAM	"You have a flair for adding
Internet: jangus@skyld.grendel.com	a fanciful dimension to any
US Mail: PO Box 4425 Carson, CA 90749	story."
Phone: 1 (310) 324-6080	Peking Noodle Co.

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Date: Mon, 18 Apr 1994 13:58:41 MDT  
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!nntp.cs.ubc.ca!alberta!  
ve6mgs!usenet@network.ucsd.edu  
Subject: US License Examination Opportunities Scheduled 4/18/94 to 7/18/94  
To: info-hams@ucsd.edu

## AMATEUR RADIO EXAMINATION OPPORTUNITIES

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Special Note: Amateur Radio licenses usually arrive between 8 and 10 weeks after the test session. The FCC considers their processing time to be 90 days--from the date they receive the application. The FCC usually receives the application one to two weeks after the test session (once the VE Team and the coordinating VEC have completed their processing).

Note: Codeless Technician to Technician w/HF upgraders (who pass a Morse code test) will not receive a new license from the FCC. The existing Technician license plus the CSCE conveying the Morse code test credit is the only documentation issued for use of the additional HF privileges.

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The following test session information is provided by the ARRL/VEC for the upcoming six to eight week period. For further information, please contact the test session CONTACT PERSON at the telephone number provided. If necessary, you may contact the ARRL/VEC at 203-666-1541 x282 for additional information. Electronic mail may be forwarded to the ARRL/VEC via USENET at "bjahnke@arrl.org" or via MCI Mail to MCI ID: 653-2312 or 215-5052.

Although the test session information presented here does not indicate whether walk-ins are accepted or not, most test sessions do allow walk-ins. We encourage you, however, to always contact the CONTACT PERSON at the telephone number provided so that the VE Team is aware that you be attending the test session.

## STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 203-666-1541 x219. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "rwhite@arrl.org" or via MCI Mail to MCI ID: 215-5052.

## EXAM LISTINGS - DEFINITION OF FIELDS

### STATE

Test Date, VEC, City, , Contact Phone, Contact Person

The SECOND field in the following listing specifies the VEC which is coordinating this examination. This single-character designator denotes the VEC as defined below. An "A" (for example) indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not find any examinations listed for your area, you may contact any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 203-666-1541  
The 1994 test fee is \$5.75.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;  
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121  
(or) 907-274-5546

C = Central Alabama VEC, 1215 Dale Dr SE, Huntsville, AL 35801;  
205-536-3904

N = Charlotte VEC, 227 Bennett Ln, Charlotte, NC 28213;  
704-596-2168

D = Great Lakes ARC VEC Inc., PO Box 273, Glenview, IL 60025;  
708-486-8019

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;  
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368;  
504-737-2315. Test fee for 1994 is \$5.00.

K = Koolau ARC, 45-529 Nakuluai St, Kaneohe, HI 96744;  
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;  
(d) 301-572-5124, 301-317-7819, (n) 301-588-3924

M = The Milwaukee RAC Inc., 1737 N 116th St, Wauwatosa, WI 53226;  
414-774-6999. Test fee for 1994 is \$5.00.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,  
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;  
408-255-9000

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;  
919-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,  
Knoxville, TN 37912-2500; 615-688-7771.  
The 1994 test fee is \$5.75.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443  
The 1994 test fee is \$5.75.

#### EXAMINATION OPPORTUNITIES OUTSIDE THE UNITED STATES:

##### AMERICAN SOMOA

05/14/94,A,Mapusaga Village,,684-699-2420,Michael Homsany  
07/09/94,A,Mapusaga Village,,684-699-2420,Michael Homsany

##### GUAM

06/19/94,A,Adelup,,627-646-7611,Harry Y Taguchi

##### PUERTO RICO

04/30/94,A,San Juan,,809-789-4998,Victor Madero  
05/28/94,A,San Juan,,809-789-4998,Victor Madero  
06/25/94,A,San Juan,,809-789-4998,Victor Madero

##### US VIRGIN ISLANDS

05/14/94,A,ST Thomas,,809-774-4740,Ronald A Hall Sr  
07/09/94,A,St Croix,,809-778-3156,Frank Jaeger

OTHER

05/14/94,A,England,,081-902-5995,Yves a g Remedios  
07/09/94,A,Germany,,49-0-67253462,Stephen Hutchins, KN6G  
05/07/94,A,Greece,,301-807-0813,Gary L Memory  
05/14/94,A,Japan,,098-633-1728,Alice Kottmyer  
06/18/94,A,Papua New Guinea,,,Kyle Harris KE9TZ - POB 997 - PNG

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Date: 19 Apr 94 11:46:00 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: Why Luck Hurder is gone...  
To: info-hams@ucsd.edu

Something seems "rotten in Denmark."  
Is it?

The following message was to me, K10IK, and now we know the reason Luck Hurder was dismissed from the ARRL. Luck really sounds like a criminal?

Msg #3460 From: KZ1Z Date: 17-Apr 1204Z Subj: Re: FYI - ARRL  
Hi Burt,  
Many thanks for your note. The issue was indeed a stupid one.  
HQ/Directors wanted copies of all correspondence to and from ARRL officials everywhere. Thus, Section leaders would have to copy everything to their respective Directors. No problem, as the mass of what was asked would probably kill the policy of its own weight. The problem...Luck advised the Section leadership of the new policy. Imagine advising the leadership of the institution of a new policy, after all the leadership didn't get the word from the directors that such was being done. Really a stupid situation, which should have been handled in a more professional manner. Just because a Director somewhere got bent out of shape, that is no reason to terminate an employee.  
Thanks for your interest.  
73 Pete, KZ1Z

Burt Fisher South Dennis (Cape Cod), Mass.  
Teacher of, Video, Broadcasting, Electronics at  
Cape Cod Regional Vocational High School

(Home of WCCT-FM 90.3 MHZ)

FISHERB@A1.mec.mass.edu  
Amateur Radio Call K10IK  
K10IK@KQ1K.ma

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Date: Tue, 19 Apr 1994 04:32:04 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!news.unt.edu!news.oc.com!csci-  
wiermac.etsu.edu!user@network.ucsd.edu  
To: info-hams@ucsd.edu

References <2ouqd3\$206@cville-srv.wam.umd.edu>, <cowart.766701427@neptune>,  
<CoHI9y.zv@cbnewsm.cb.att.com>t  
Subject : Re: Missing: Good HF Propagation

In article <CoHI9y.zv@cbnewsm.cb.att.com>, jeffj@cbnewsm.cb.att.com  
(jeffrey.n.jones) wrote:

> Sigh, turned on the radio, went on 20, heard lot's of hiss, few signals. Went  
> on 40, heard lot's of hiss, few signals. Turned off radio and cleaned shack.  
> This has been my routine for 2 weeks. If anyone finds that HF propagation  
> please send it to 20 and 40 meters as they are in desperate need of it.  
> I'm tired of cleaning my shack! 8-)  
>  
> Jeff  
>  
> --  
> Jeff Jones AB6MB | Vote out those who voted for the North American  
> jeffj@seeker.mystic.com | Free Trade Agreement!  
> Infolinc BBS 510-778-5929 |

Well, at night you might be able to go outside and watch the aurora  
instead. I've heard it was quite spectacular in Wisconsin a few nights ago  
(course we never see it here in Texas, sigh...)

===== insert usual disclaimers here =====

Bob Wier, East Texas State U., Commerce, Texas  
keeper of the Adobe Photoshop, MC68HC11, ICOM mailing lists  
wier@merlin.etsu.edu (watch for address change)

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End of Info-Hams Digest V94 #433

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